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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/532,213	04/22/2005	Mark T Fahey	26735u	6750
20529	7590	10/04/2007		
NATH & ASSOCIATES 112 South West Street Alexandria, VA 22314			EXAMINER LEE, JINHEE J	
			ART UNIT	PAPER NUMBER
			2174	
			MAIL DATE	DELIVERY MODE
			10/04/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/532,213

Applicant(s)

FAHEY, MARK T

Examiner

Jinhee J. Lee

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 August 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 21-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ___ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the connectors of claim 23 for example; switch of claim 24 for example must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

The drawings are also missing an item mentioned in the specification:

Item 3.

2. Applicant is required to submit a proposed drawing correction in reply to this Office action. However, formal correction of the noted defect may be deferred until after the examiner has considered the proposed drawing correction. Failure to timely submit the proposed drawing correction will result in the abandonment of the application.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. The claims are **still** generally narrative and indefinite, failing to conform with current U.S. practice. They appear to be a literal translation into English from a foreign document and are replete with grammatical and idiomatic errors.

For example: claim 21 Line 7, "a first set of sockets with for each";

line 8, "contacts within the socket one of which"; claim 25 line 13-14, "cable a plurality of sockets being a second set with for each location" (similar problems throughout all of the independent claims).

5. Claims 21 -32 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 21 recites the limitation " at least four insulated electrically conducting cores, being at least a first core, a second core, a third core and a fourth core" in line 3-4. this is confusing. The use of the term "core" is confusing throughout the specification and the claims. The specification says that there are three cores (positive, negative, neutral) in a cable, and there could be three cables with three sets of cores, and yet the claims state that a cable can have more than 3 cores. This is confusing and indefinite. Claims 25 and 29 are also likewise confusing.

Claims 21, 25 and 29 are also missing the phrase "comprising" or "consisting of". The claim does not distinguish between the meat of the claim and the preamble. This is indefinite and confusing.

Claim 21 recites the limitation " a plurality of sockets " in line 13-14. This is confusing. Is the same as or different from "a plurality of a first set of sockets" of lines 6-7?.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

Art Unit: 2174

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 21-32 are rejected under 35 U.S.C. 102(b) as being anticipated by Hawker et al. (6486407).

Re claim 21 (as best understood), Hawker et al. discloses a loom (with 66 for example) with at least one cable (40, 66 for example) having at least four insulated electrically conducting cores being at least a first core, a second core, a third core and a fourth core, the cores being held together for a substantial length of the cable (see figures 2 and 6 for example), there being at spaced apart locations along the length of the cable a plurality of a first set of sockets (48, 67 for example) with for each location at least one female socket of the first set with electrically conducting contacts within the socket one of which contacts is electrically connected to the first core, and a second of which contacts is connected to the second core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection and a neutral connection, and there being, also at spaced apart locations along the length of the cable a plurality of sockets with for each location at least one female socket being of a second set of sockets with electrically conducting contacts within the socket of the second set one of which contacts is electrically connected to the third core, and a second of which contacts is connected to the fourth core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into

the female socket and provide an electrical supply providing an active connection and a neutral connection (see figures 1, 2 and 6 for example).

Re claim 22 (as best understood), Hawker et al. discloses a loom wherein said loom has ends which are bared so as to connect to a traditional connector block (in 30 for example, see figure 1 for example).

Re claim 23 (as best understood), Hawker et al. discloses a loom further comprising a connector (30 for example) in conjunction with the loom having at one end a plug (at 25 for example) and at a further end a socket (at 30 for example) of a type adapted to be fixed into a position as an accessible socket for a user of a building. Note, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. *In re Hutchison*, 69 USPQ 138.

Re claim 24 (as best understood), Hawker et al. discloses a loom wherein said connector includes a switch to open or close connection thereof to the loom (69, 80 for example).

Re claim 25 (as best understood), Hawker et al. discloses a loom, there being at least one cable having at least six separately insulated electrically conducting cores being at least a first core, a second core, a third core, a fourth core, a fifth core and a sixth core, the cores collectively being held together for a substantial length of the cable (see figures 1,2,6 for example), there being at spaced apart locations along said substantial length of cable a plurality of sockets, being a first set of sockets, with for each location at least one female socket of the first set with electrically conducting

Art Unit: 2174

contacts within the socket one of which contacts is electrically connected to the first core, and a second of which contacts is connected to the second core (see claim 1, electrically communicating for example), each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection and a neutral connection (see figure 1 for example), there being, also at spaced apart locations along the length of the cable a plurality of sockets being a second set with for each location at least one female socket with electrically conducting contacts within each of the sockets of the second set one of which contacts is electrically connected to the third core, and a second of which contacts is connected to the fourth core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection and a neutral connection, and there being, also at spaced apart locations along the length of the cable a plurality of sockets with for each location at least one female socket being of a third set of sockets being a third set of sockets with electrically conducting contacts within each of the sockets of the third set one of which contacts is electrically connected to the fifth core, and a second of which contacts is connected to the sixth core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection and a neutral connection (see claim 1, figures 1,2 and 6 for example).

Re claim 26 (as best understood), Hawker et al. discloses a loom wherein said loom has ends which are bared so as to connect to a traditional connector block (see figure 1, 2, 6 for example).

Re claim 27 (as best understood), Hawker et al. discloses a loom further comprising a connector in conjunction with the loom having at one end a plug and at a further end a socket of a type adapted to be fixed into a position as an accessible socket for a user of a building (see figure 1, 2, 6 for example).

Re claim 28 (as best understood), Hawker et al. discloses a loom wherein said connector includes a switch to open or close connection thereof to the loom (69, 80 for example).

Re claim 29 (as best understood), Hawker et al. discloses a loom, there being at least one cable having at least seven separately insulated electrically conducting cores being at least a first core, a second core, a third core, a fourth core, a fifth core, a sixth core, and a seventh core the cores collectively being held together for a substantial length of the cable, there being at spaced apart locations along said substantial length of cable a plurality of sockets, being a first set of sockets, with for each location at least one female socket of the first Set with electrically conducting contacts within the socket one of which contacts is electrically connected to the first core, and a second of which contacts is connected to the second core, and a third of which is connected to the seventh core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection, a neutral connection, and an earth connection

with the seventh core, there being, also at spaced apart locations along the length of the cable a plurality of sockets being a second set with for each location at least one female socket with electrically conducting contacts within each of the sockets of the second set one of which contacts is electrically connected to the third core, and a second of which contacts is connected to the fourth core, and a third of which is connected to the seventh core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection, a neutral connection, and an earth return with its connection to the seventh core and there being, also at spaced apart locations along the length of the cable a plurality of sockets with for each location at least one female socket being of a third set of sockets being a third set of sockets with electrically conducting contacts within each of the sockets of the third set one of which contacts is electrically connected to the fifth core, a second of which contacts is connected to the sixth core, and a third of which is connected to the seventh core, each socket being electrically arranged to provide an electrical supply to a male plug when appropriately inserted into the female socket and provide an electrical supply providing an active connection and a neutral connection and an earth return (see figures 1,2 and 6, claim 1 for example).

Re claim 30 (as best understood), Hawker et al. discloses a loom wherein said loom has ends which are bared so as to connect to a traditional connector block (see figure 1 for example).

Re claim 31 (as best understood), Hawker et al. discloses a loom further comprising a connector in conjunction with the loom having at one end a plug and at a further end a socket of a type adapted to be fixed into a position as an accessible socket for a user of a building (see figures 1,2,6 for example). Note, it has been held that the recitation that an element is "adapted to" perform a function is not a positive limitation but only requires the ability to so perform. It does not constitute a limitation in any patentable sense. *In re Hutchison*, 69 USPQ 138.

Re claim 32 (as best understood), Hawker et al. discloses a loom wherein said connector includes a switch to open or close connection thereof to the loom (69, 80 for example).

Response to Arguments

8. Applicant's arguments filed 8/22/07 have been fully considered but they are not persuasive.

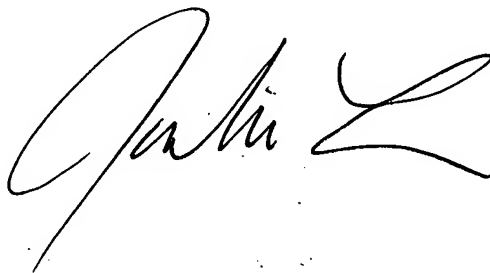
In response to applicant's arguments that the prior arts do not teach "fourth core", etc. examiner disagrees. The applicant's use of the terminology "core" seems to differ throughout the claims and the specification, however, Hawker et al. discloses "fourth core", "fifth core", "sixth core" etc, in the same manner as the applicant according to the drawings and specification. The specification says that there are three cores (positive, negative, neutral) in a cable, and there could be three cables with three sets of cores.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jinhee J. Lee whose telephone number is 571-272-1977. The examiner can normally be reached on M-F at 8:30AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on 571-272-2100 ext. 74. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Jinhee J. Lee', with a stylized flourish at the end.

JINHEE J. LEE
PRIMARY EXAMINER